

Fig. 1

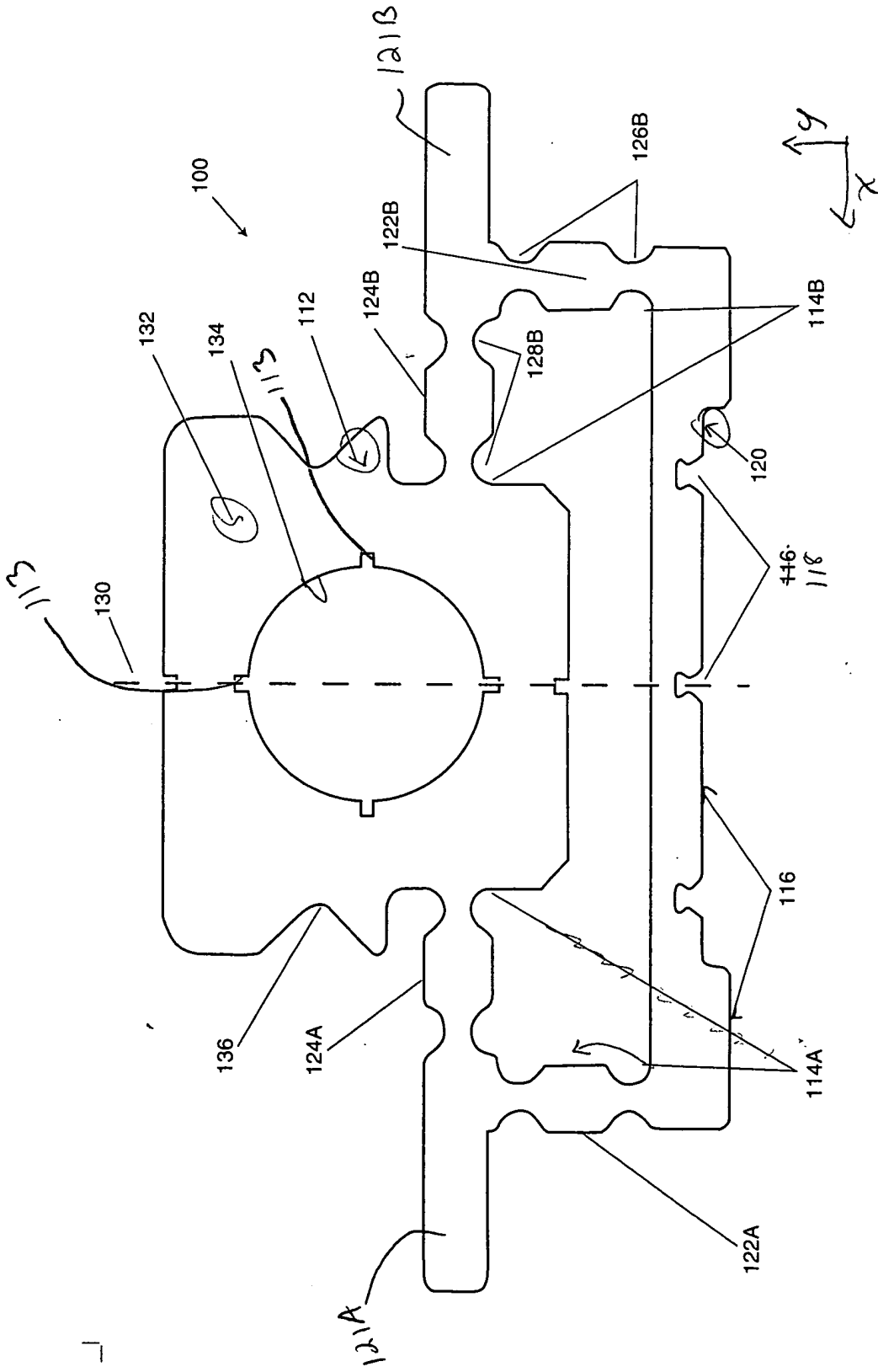
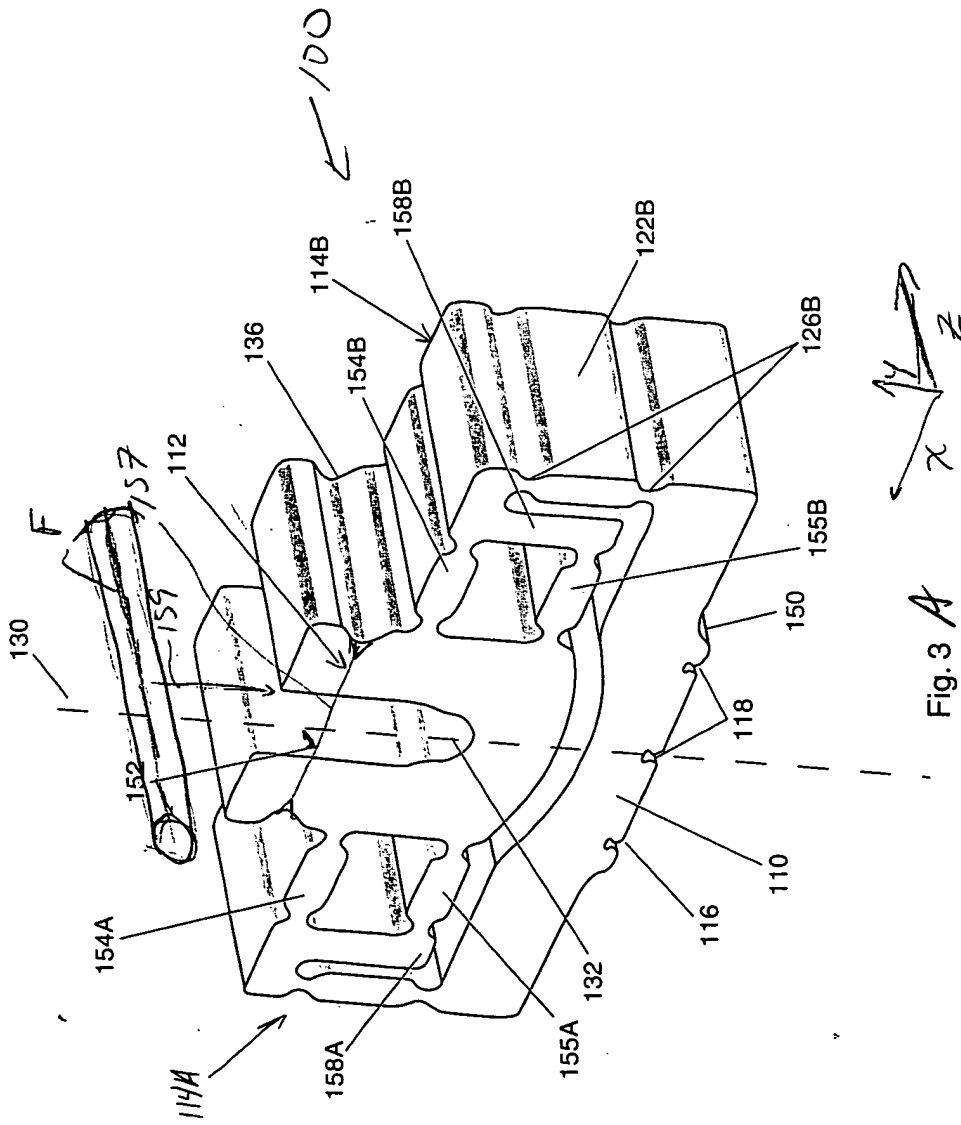
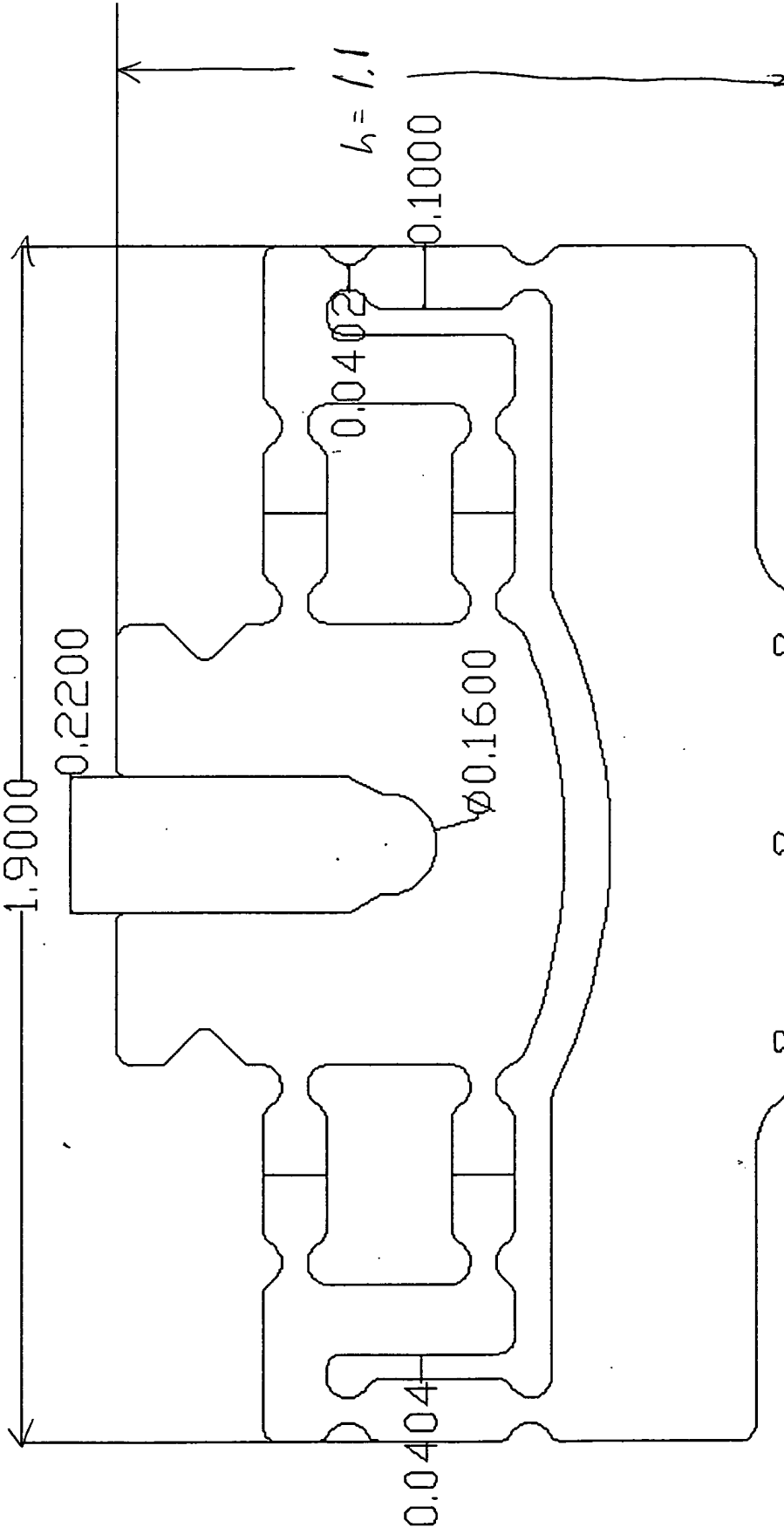


Fig. 2



005280" 22854960

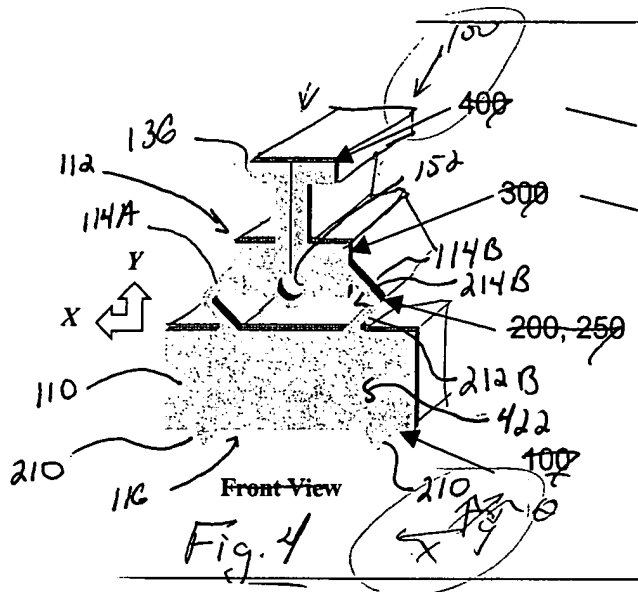
$w =$



*all lengths in millimeters*

Fig. 3B

# Deutsche Demokratische Republik





F-G6T5402a open

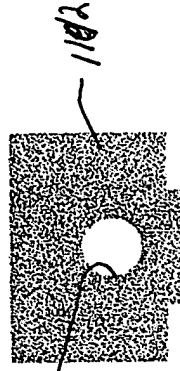
Fig. 5A



F-G6C5402a open

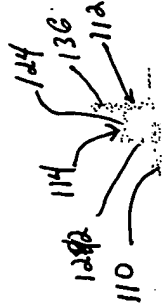
Fig. 6

ib



G6 PASSIVE CLIP

Fig. 14



G6 HORIZONTAL LEG

Fig. 12



G6 HORIZONTAL CLP 1d

Fig. 13

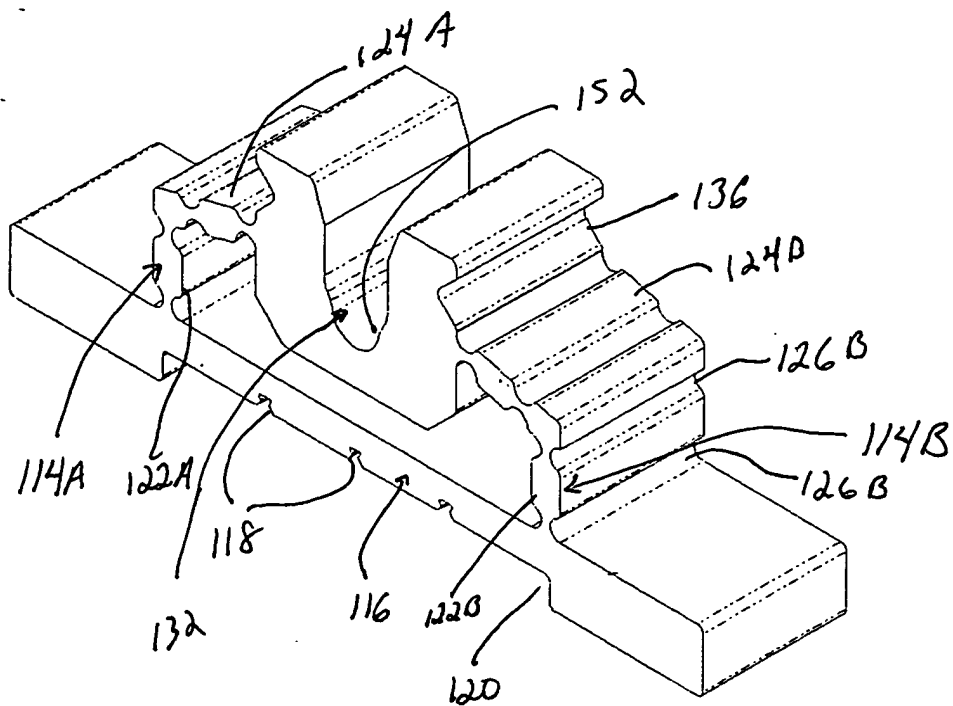
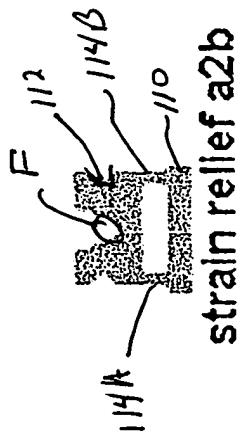


Fig. 5B

005280-22854960

FIG. 8



strain relief a2b

Fig. 8

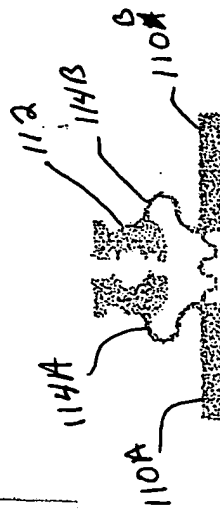
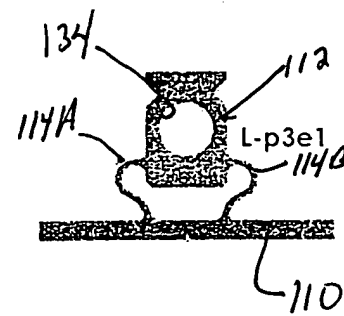
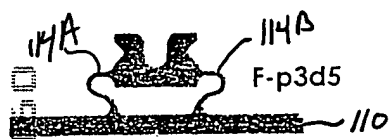


Fig. 7





005280" 22854960

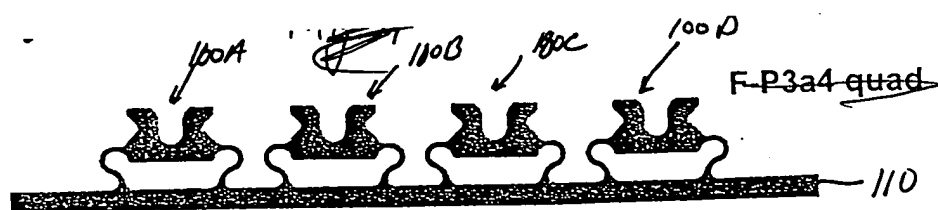


Fig. 11

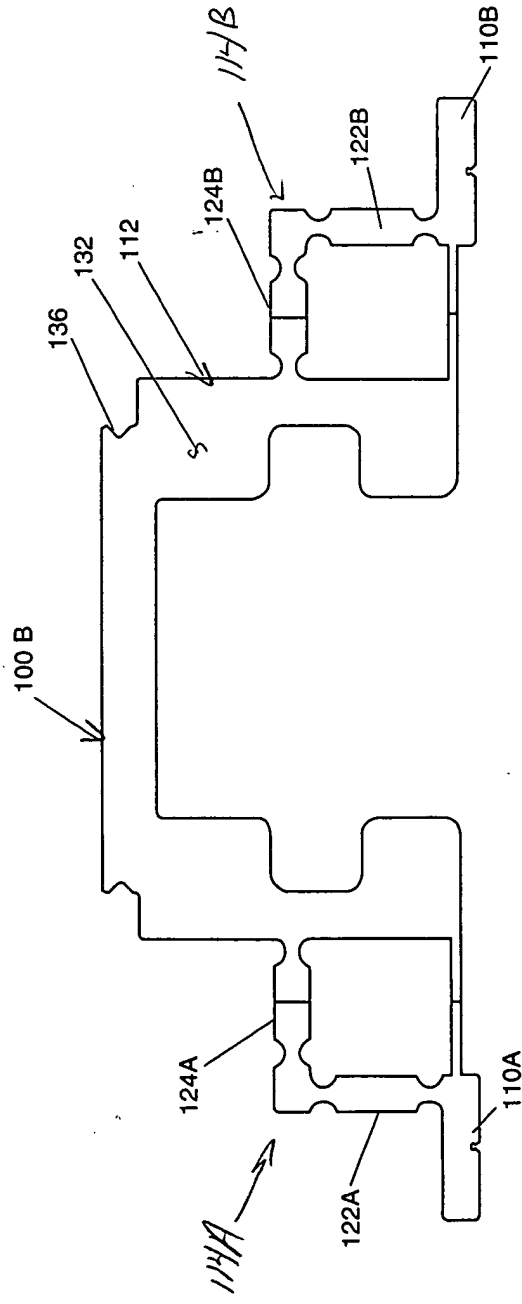


Fig. 15A

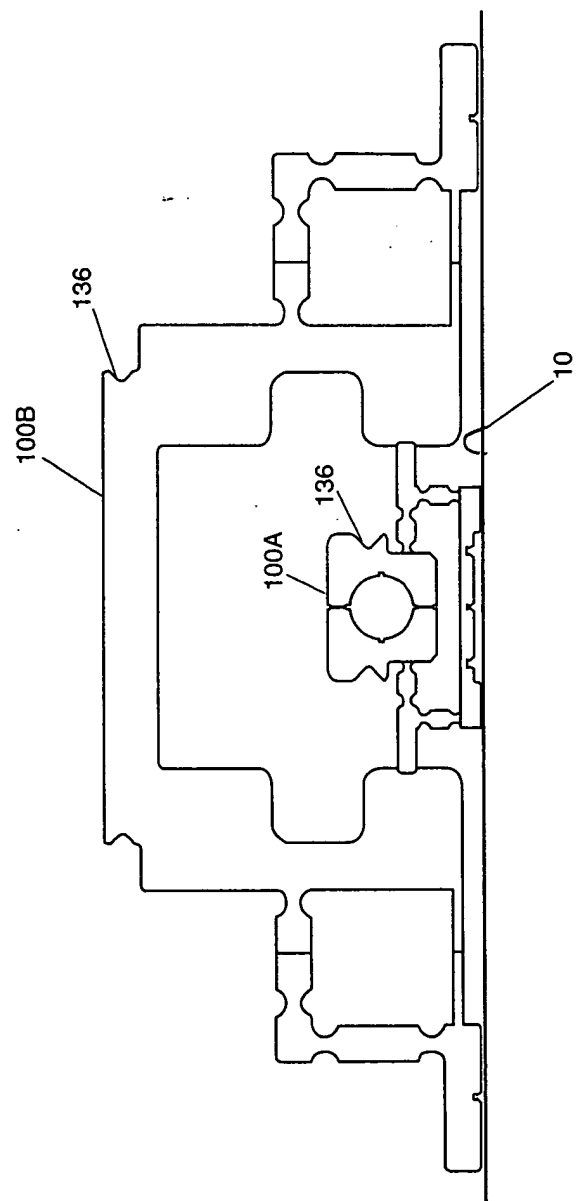


Fig. 15 B

005280" 2854960

Thick PMMA resist  
bonded to seed  
layer on substrate

seed/release  
layer 412

substrate  
410

Fig. 16A

Thick PMMA resist  
patterned by x-ray  
exposure

seed/release  
layer

substrate

PMMA

Fig. 16B

Electroformed X-Y  
flexure prior to  
release

seed/release  
layer 412

substrate  
410

Plated Nickel

PMMA

Fig. 16C

Electroformed X-Y  
flexure prior to  
release

seed layer

Plated Nickel

PMMA or Si

Fig. 17A

Invert and pattern  
for second z-flexure

Pattern for  
first z-flexure

Plating first  
z-flexure

Photoresist 420

Fig. 17B

Plating for second  
z-flexure

Fig. 17E

Fig. 17C

Final release

Fig. 17F

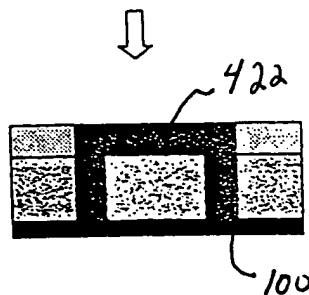
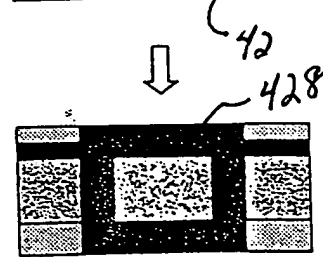
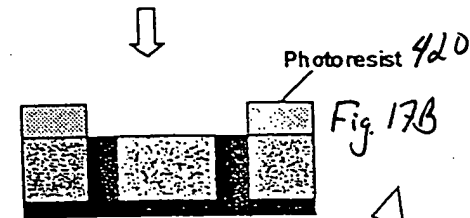
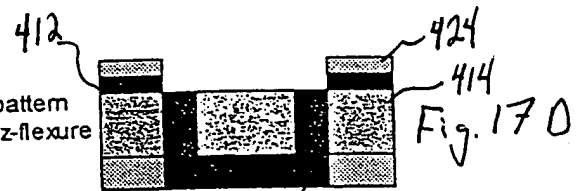
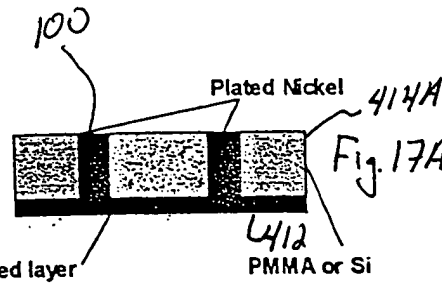
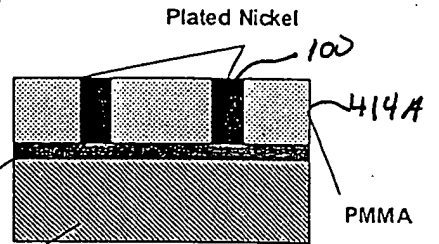
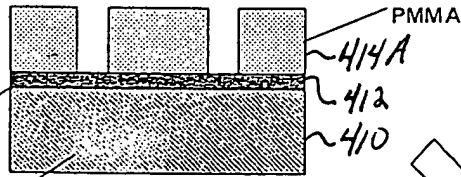
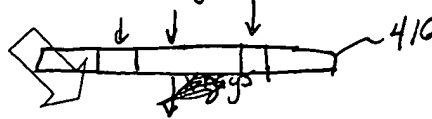
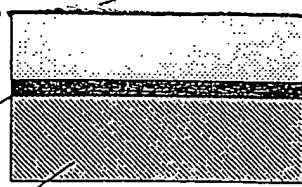


Fig. 18A

09645827.082500

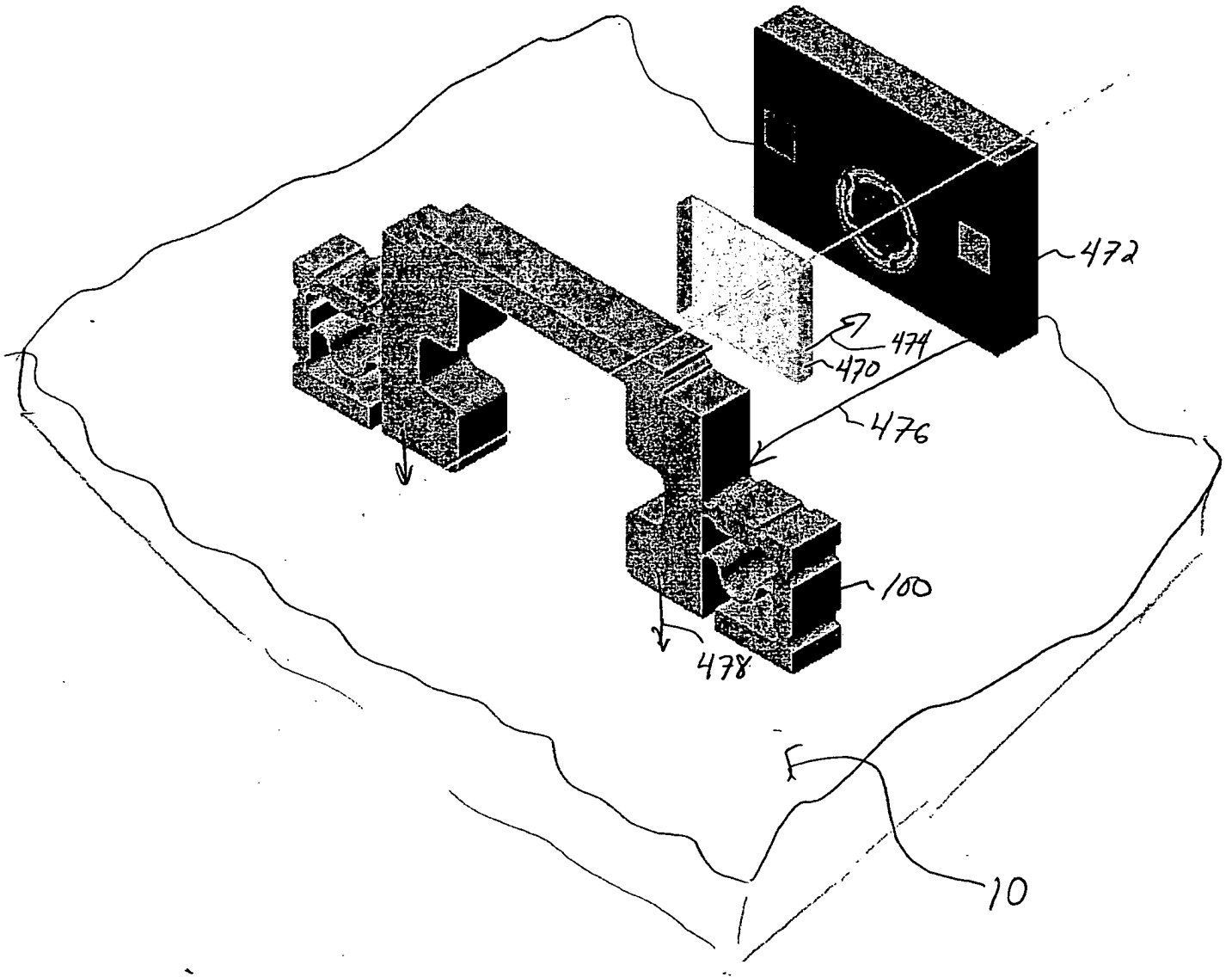


Fig. 18B

09645827-082500

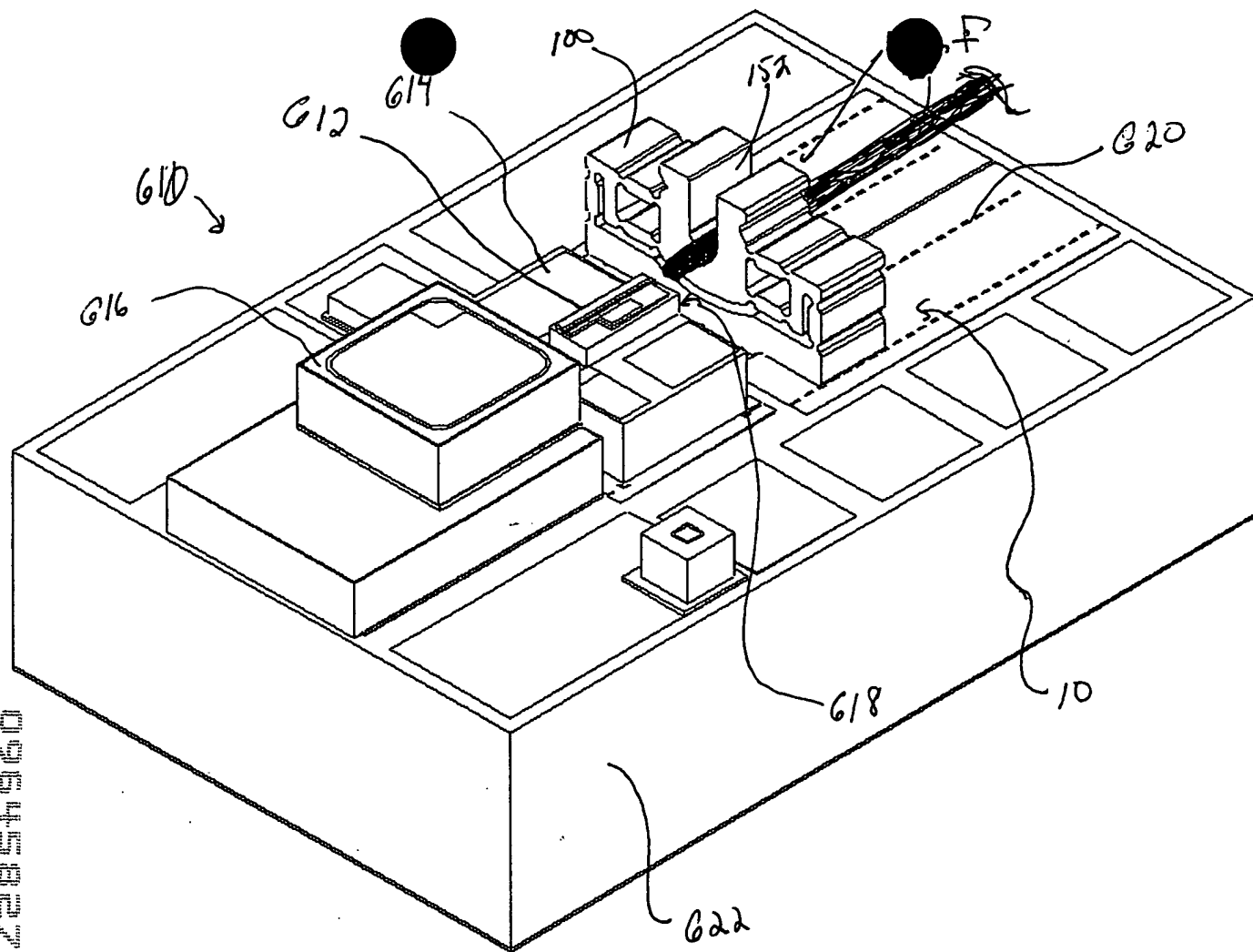
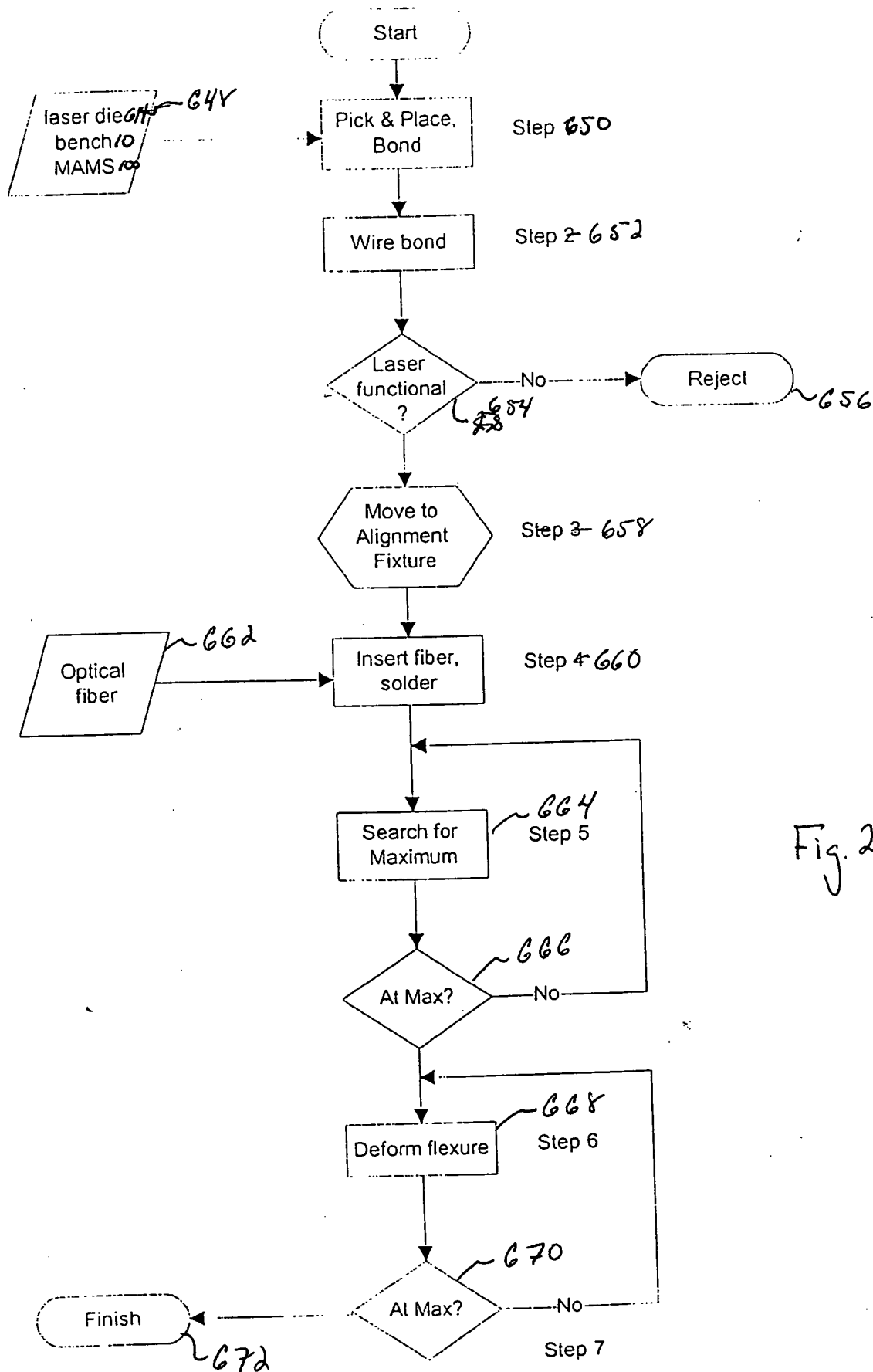


Fig. A



005280" 2854950

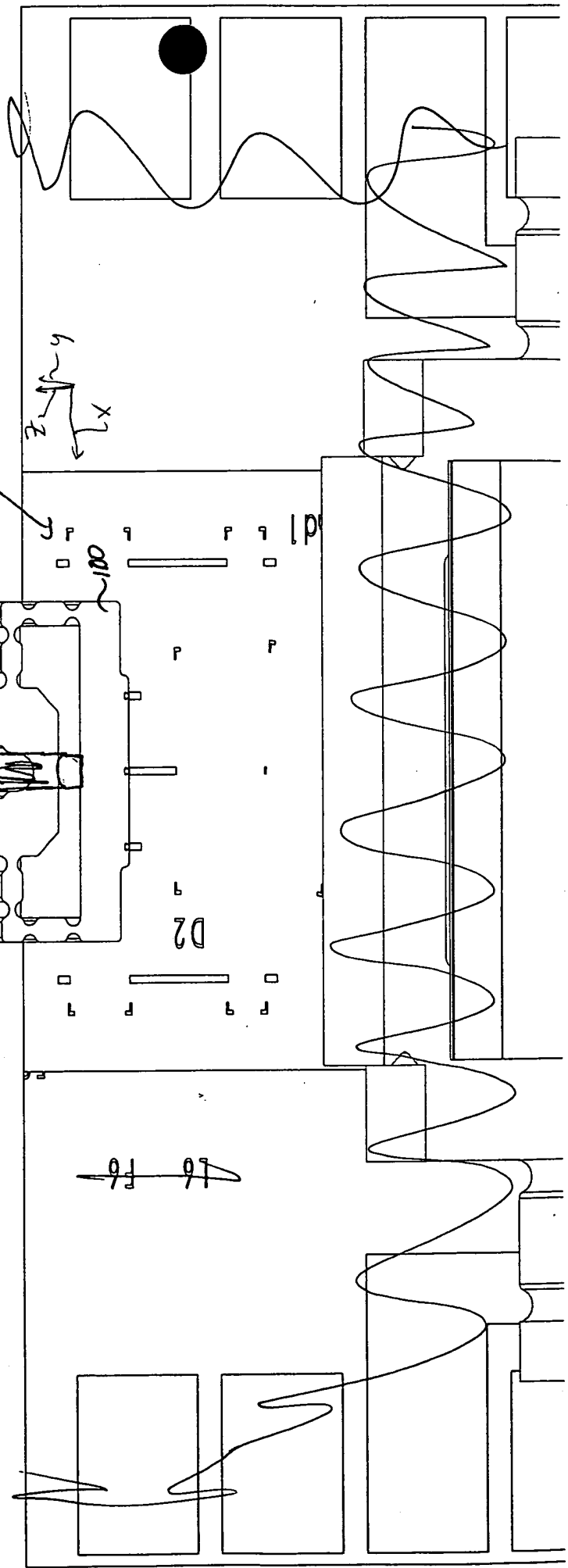


005280" 2854960

710A

710B

Fig. 21



005280" 22854960

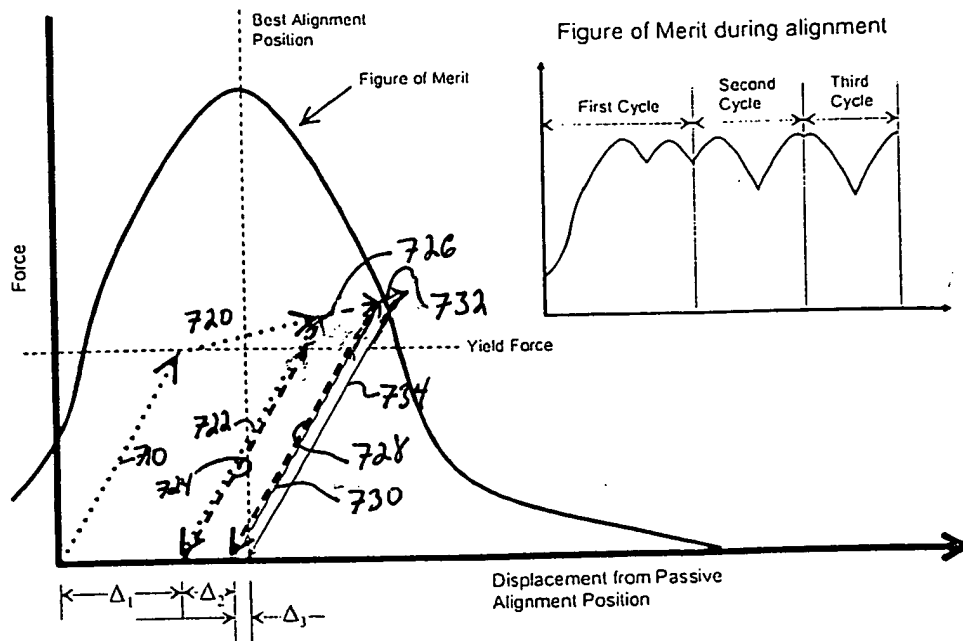


Fig. 22

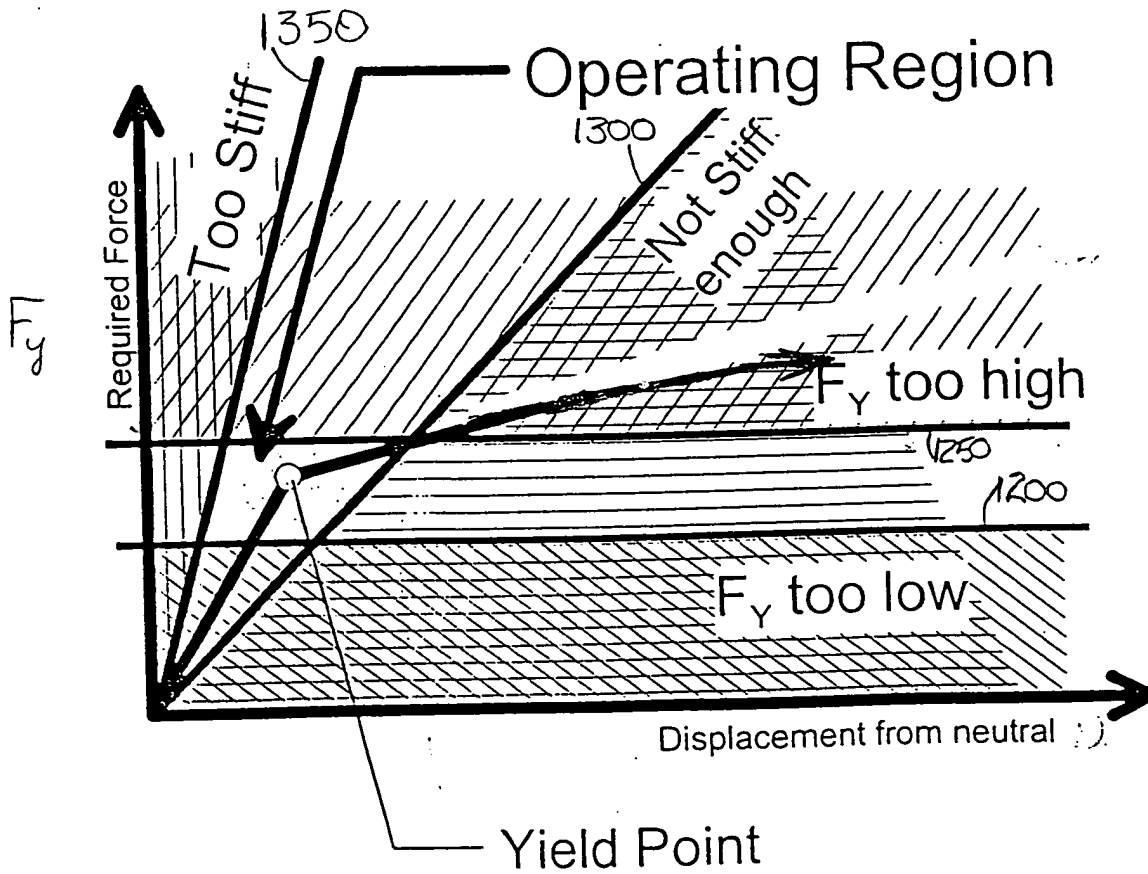


Fig. 23

09645827-082500

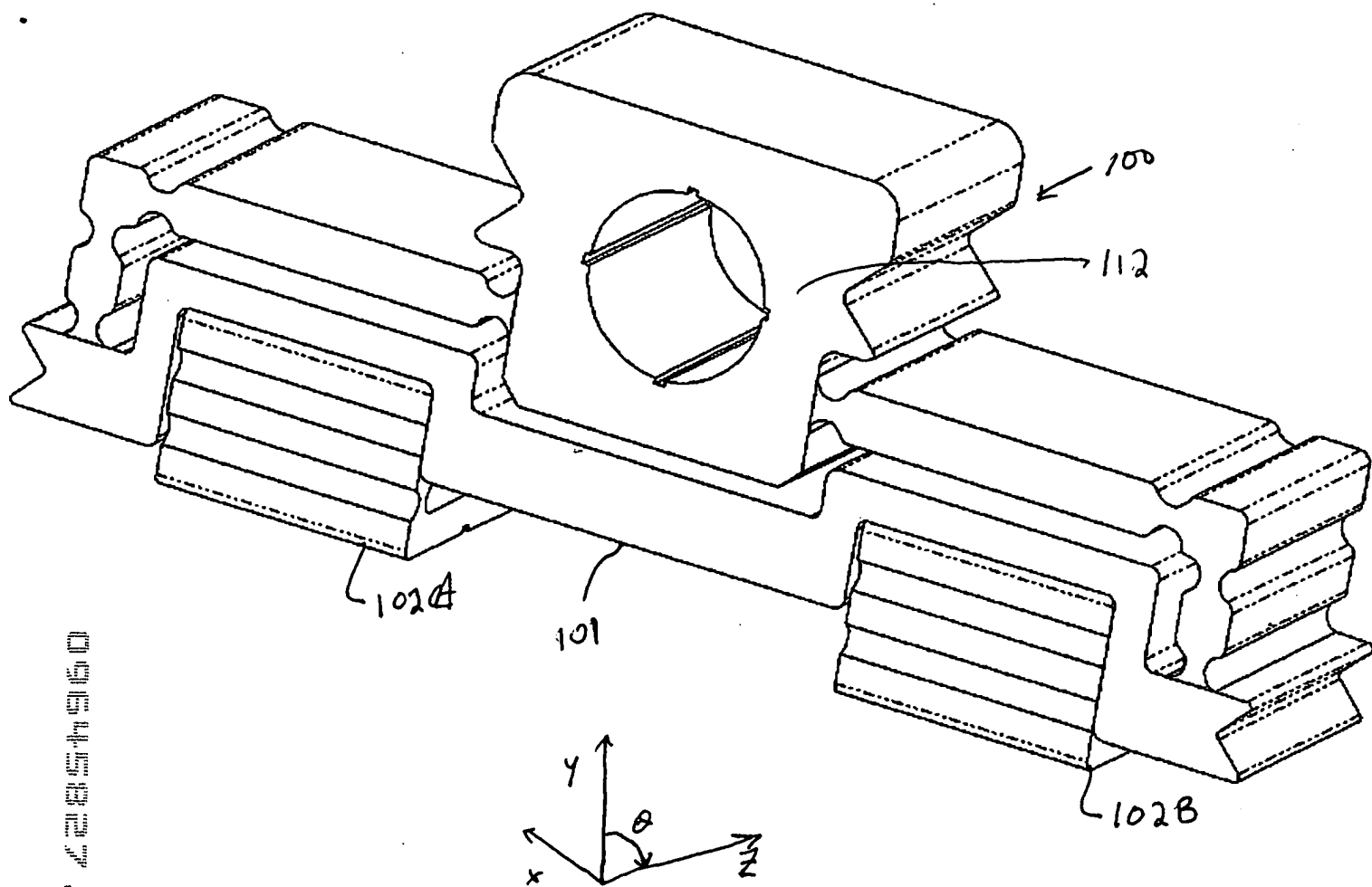


Fig. 24

005280" 2854960

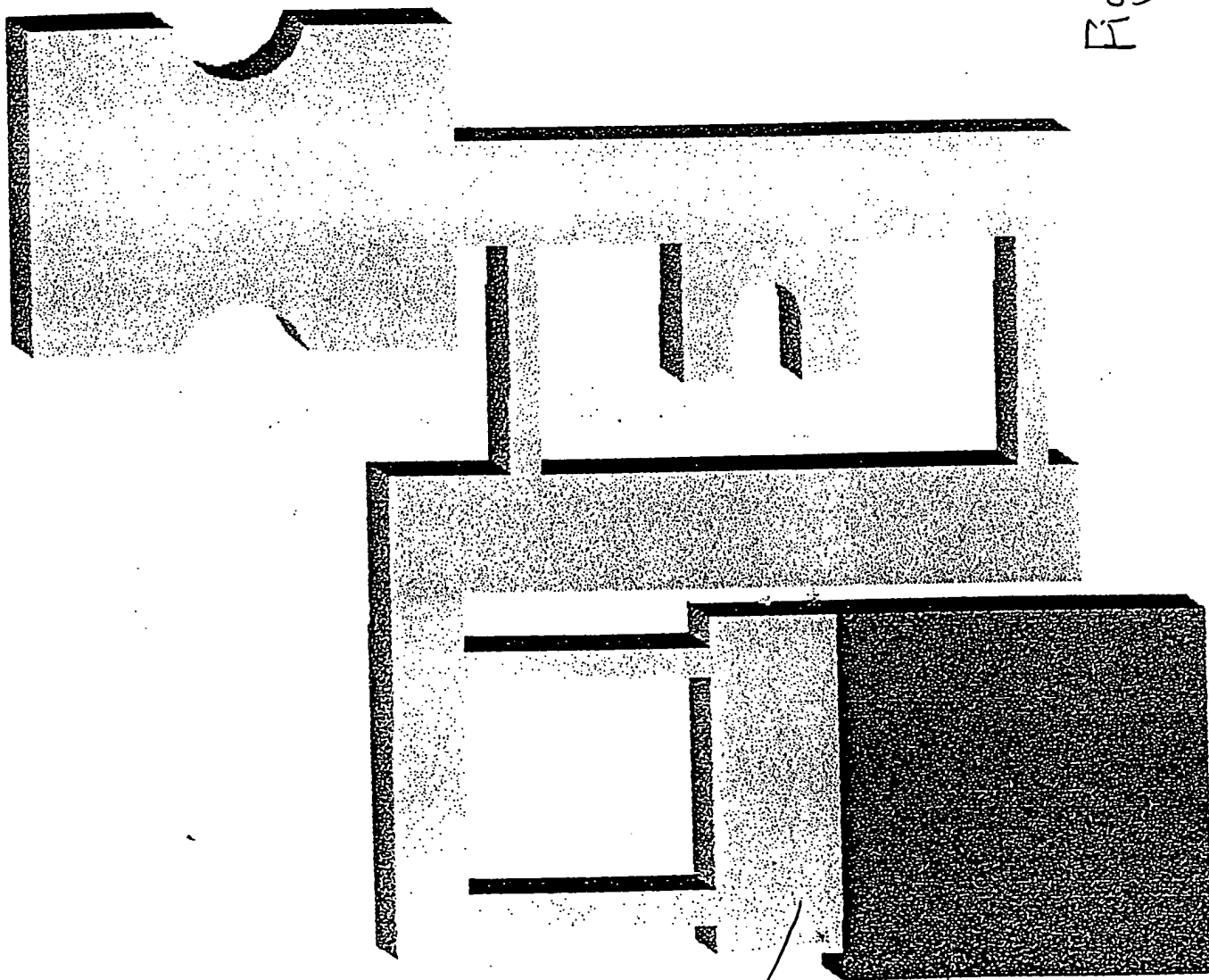


Fig. 25

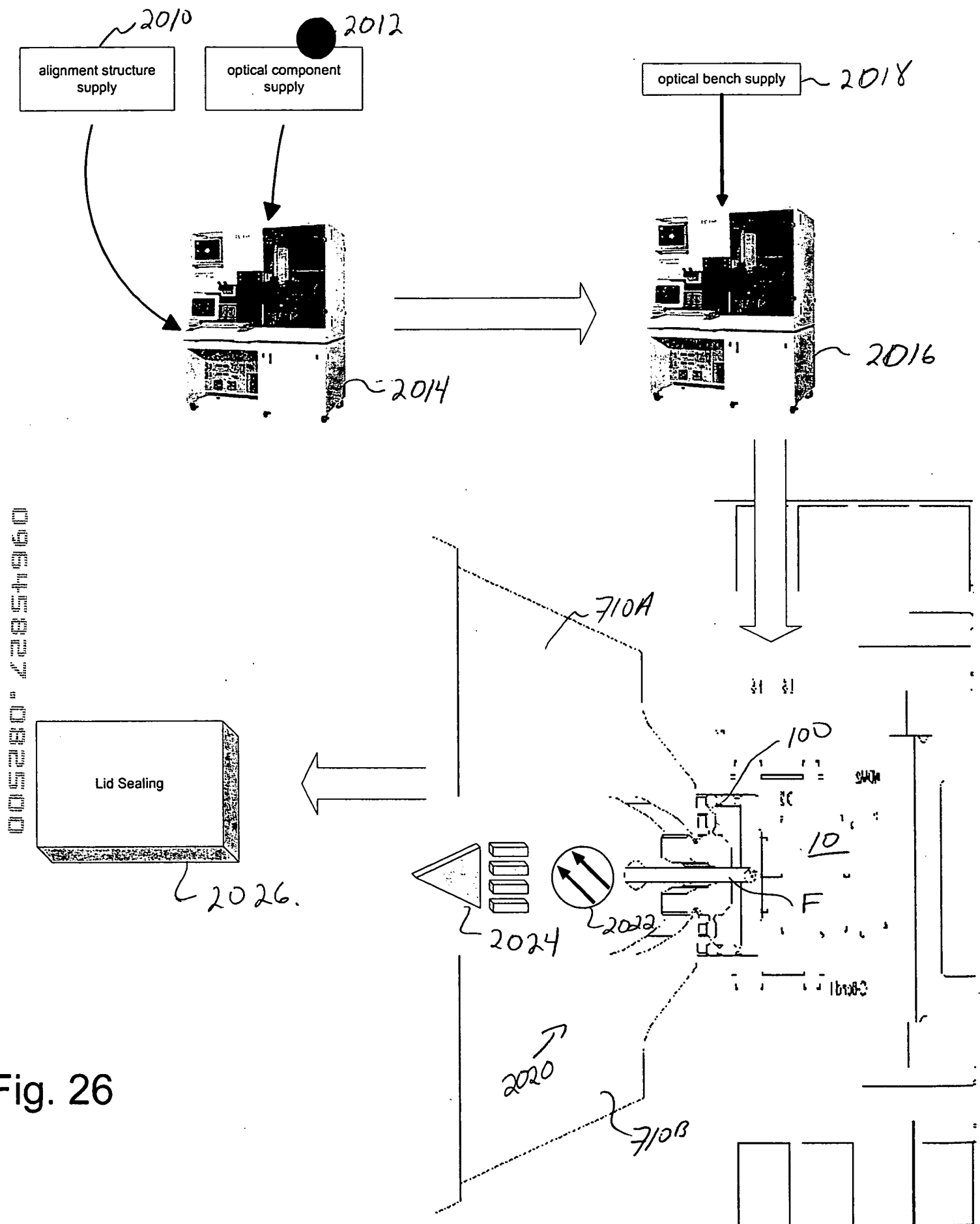


Fig. 26

09645827.082500

